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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/816,786	
	Filing Date	4/2/2004	
	First Named Inventor	Richard M. Ehrlich	
	Art Unit	2651	
	Examiner Name		
Total Number of Pages in This Submission	29	Attorney Docket Number	PANAP-01096US1

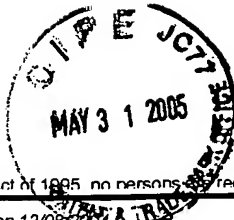
ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Petition for Revival of an Appln. for Patent Abandoned Unintentionally (37 CFR 1.137(b))
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Sheldon R. Meyer Fliesler Meyer LLP	Customer Number: 23910
Signature		Reg. No.: 27,660
Date	5/27/05	

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Fax. No.:		
Typed or printed name	Sheldon R. Meyer	
Signature		Date 5/27/05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

JFW
BEffective on 12/08/2004
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**
For FY 2005☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 2,670.00)

Complete if Known

Application Number	10/816,786
Filing Date	4/2/2004
First Named Inventor	Richard M. Ehrlich
Examiner Name	Not Yet Assigned
Art Unit	2651
Attorney Docket No.	PANAP-01096US1

METHOD OF PAYMENT (check all that apply)

- ☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____
- ☒ Deposit Account Deposit Account Number: 06-1325 Deposit Account Name: 23910 - Fliesler Meyer LLP
- For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- ☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
- ☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	300.00
Design	200	100	100	50	130	65	500.00
Plant	200	100	300	150	160	80	200.00
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Small Entity	
	Fee (\$)	Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims 20 - 20 or HP = 0 x 0.00 = 0.00

HP = highest number of total claims paid for, if greater than 20

Indep. Claims 3 - 3 or HP = 0 x 0.00 = 0.00

HP = highest number of independent claims paid for, if greater than 3

Multiple Dependent Claims

Fee (\$)	Fee Paid (\$)

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)

_____ - 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: Missing Parts Surcharge; Petition fee; assignment recordal fee

Fees Paid (\$)

1,670.00**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) <u>27.660</u>	Telephone <u>415.362.3800</u>
Name (Print/Type)	<u>Sheldon R. Meyer</u>	Date <u>5/27/05</u>	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Attorney Docket No.: PANAP-01096US1 SRM/MLR
SRM/PANAP/1096US1/fee-transmittal.pdf



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

Inventor(s): RICHARD M. EHRLICH
Appl. No.: 10/816,786
Confirm. No.: 9949
Filed: April 2, 2004
Title: VARIABLE FREQUENCY CHEVRON IN
PRINTED MEDIA REFERENCE PATTERN TO
IMPROVE SERVO DEMODULATION

PATENT APPLICATION

Art Unit: 2651
Examiner: Unknown

Customer No. 23910

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited in the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on May 27, 2005.

(Attorney Signature)

Sheldon R. Meyer, Reg. No. 27,660
Signature Date: May 27, 2005

RESPONSE TO NOTICE TO FILE MISSING PARTS

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Notice to File Missing Parts of Application -- Filing Date Granted, dated June 21, 2004, enclosed are the following documents in connection with the above-identified application:

- ✓ Copy of Notice to File Missing Parts -- Filing Date Granted
- ✓ Declaration for Patent Application
- ✓ Assignment and Assignment Recordation Form Cover Sheet
- ✓ Power of Attorney
- ✓ Petition for Revival of an Application for Patent Abandoned Unintentionally Under 37 CFR 1.137(b)
- ✓ Preliminary Amendment

Patent Application Filing Fee

The patent application filing fee (if applicable) is calculated as shown below:

For	Number Filed	Number Extra	Rate Small Entity/Other Than Small Entity	Total
BASIC FILING FEE (37 CFR 1.16(a))			\$150.00 \$300.00	\$ 300.00
SEARCH FEE			\$250.00 \$500.00	\$ 500.00
EXAMINATION FEE			\$100.00 \$200.00	\$ 200.00
TOTAL CLAIMS (37 CFR 1.16(c))	<u>20</u> - 20	<u>0</u> *	X \$ 25.00 X \$ 50.00	\$
INDEPENDENT CLAIMS (37 CFR 1.16(b))	<u>3</u> - 3	<u>0</u> *	X \$ 100.00 X \$ 200.00	\$
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS (37 CFR 1.16(d))			+ \$180.00 + \$360.00	\$
UTILITY APPLICATION SIZE FEE (For each additional 50 sheets that exceeds 100 sheets)			+ \$125.00 + \$250.00	\$
			TOTAL	\$1,000.00

*If the difference in column 1 is less than zero, enter "0" in column 2.

Total Fee

The Total Fee associated with this communication has been calculated as shown below:

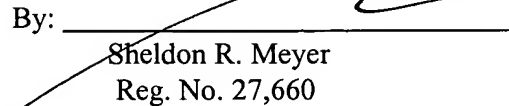
<input checked="" type="checkbox"/>	Patent application filing fee	\$1,000.00
<input type="checkbox"/>	Net fee for extension of time	\$
<input checked="" type="checkbox"/>	Assignment recording fee (\$40.00)	\$ 40.00
<input checked="" type="checkbox"/>	Surcharge under 37 C.F.R. §1.16(e) for late filing of filing fee or Declaration:	
<input checked="" type="checkbox"/>	Large Entity \$130.00	\$ 130.00
<input type="checkbox"/>	Small Entity \$ 65.00	\$
TOTAL FEE DUE:		<u>\$1,170.00</u>

Method of Payment of Fees

- ✓ A check, which includes the amount of the \$1,170.00, is enclosed.
- ✓ The Commissioner is hereby authorized to charge any deficiencies or credit overpayment to Deposit Account No. 06-1325. A duplicate copy of this authorization is enclosed.

Respectfully submitted,

Date: 5/27/05

By: 
Sheldon R. Meyer
Reg. No. 27,660

Customer No. 23910
FLIESLER MEYER LLP
Four Embarcadero Center, Fourth Floor
San Francisco, California 94111-4156
Telephone (415) 362-3800



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/816,786	04/02/2004	Richard M. Ehrlich	PANA-01096US1

23910
 FLIESLER MEYER, LLP
 FOUR EMBARCADERO CENTER
 SUITE 400
 SAN FRANCISCO, CA 94111

CONFIRMATION NO. 9949

FORMALITIES LETTER



OC000000013002873

Date Mailed: 06/21/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of \$1620 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$2520** for a Large Entity

- \$770 Statutory basic filing fee.
- \$130 Late oath or declaration Surcharge.

06/01/2005 MAHNE1 00000066 10816786

01 FC:1001 790.00 DP
 02 FC:1051 130.00 DP

Repln. Ref: 06/01/2005 MAHNE1 0021513600
 DAH:061325 Name/Number:10816786

\$210.00 CR

FC: 9204

- Total additional claim fee(s) for this application is **\$1620**
 - **\$774** for **9** independent claims over 3.
 - **\$846** for **47** total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts
 Commissioner for Patents
 P.O. Box 1450
 Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

N. mohammed
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE